

Appointment

From: Nathalie.Pham@oehha.ca.gov [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=CD2E1B496EB64FEE863EFC2D8DAE84B6-NATHALIE.PH]
Sent: 6/13/2017 1:54:09 PM
To: Nathalie.Pham@oehha.ca.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cd2e1b496eb64fee863efc2d8dae84b6-Nathalie.Ph]; Linnenbrink, Monica [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=01f59a3f644b4c4eb2b74561b4b654d1-Linnenbrink, Monica]; OEH-Scientists [OEH-Scientists@oehha.ca.gov]; Wambaugh, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e70988d0f51b4e28a4b2d20acfd0ccd2-Wambaugh, John]
CC: Solomon, Gina@EPA [Gina.Solomon@calepa.ca.gov]; Koshlukova, Svetlana@CDPR [Svetlana.Koshlukova@cdpr.ca.gov]; Williams, Meredith@DTSC [Meredith.Williams@dtsc.ca.gov]; Kwok, Eric@CDPR [Eric.Kwok@cdpr.ca.gov]; Maxwell.leung@cdpr.ca.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=13d30a01f94d4f1ead0bd9a6b29c047c-Maxwell.leu]; Lewis, Carolyn@CDPR [Carolyn.Lewis@cdpr.ca.gov]; Marilyn.silva@cdpr.ca.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=078e8c7291f8409bbd781655d91647a4-Marilyn.sil]
Subject: FW: EPA NCCT: High-Throughput Toxicokinetics (HTTK) for Environmental Chemicals
Attachments: Wambaugh-OEHHA-061217-HTTK.pdf
Location: Sacramento (Rm 510); Oakland (ACERB CR)
Start: 6/12/2017 6:00:00 PM
End: 6/12/2017 7:30:00 PM
Show Time As: Tentative

-----Original Appointment-----

From: Pham, Nathalie@OEHHA [mailto:Nathalie.Pham@oehha.ca.gov]
Sent: Monday, June 5, 2017 6:57 PM
To: Pham, Nathalie@OEHHA; OEH-Scientists; Wambaugh, John
Cc: Solomon, Gina@EPA; Koshlukova, Svetlana@CDPR; Williams, Meredith@DTSC; Kwok, Eric@CDPR; Maxwell.leung@cdpr.ca.gov; Lewis, Carolyn@CDPR; Marilyn.silva@cdpr.ca.gov
Subject: EPA NCCT: High-Throughput Toxicokinetics (HTTK) for Environmental Chemicals
When: Monday, June 12, 2017 11:00 AM-12:30 PM (UTC-08:00) Pacific Time (US & Canada).
Where: Sacramento (Rm 510); Oakland (ACERB CR)

Hi OEHHA Scientists!

Please join us **next Monday, June 12 at 11 a.m. PST** for a special webinar from John Wambaugh from US EPA.

Fun with High-Throughput Toxicokinetics

John Wambaugh

National Center for Computational Toxicology
Office of Research and Development
U.S. Environmental Protection Agency

Thousands of chemicals have been profiled by high-throughput screening (HTS) programs such as ToxCast and Tox21. These chemicals are tested in part because there are limited or no data on hazard,

exposure, or toxicokinetics (TK). TK models aid in predicting tissue concentrations resulting from chemical exposure, and a “reverse dosimetry” approach can be used to predict exposure doses sufficient to cause tissue concentrations that have been identified as bioactive by high-throughput screening. To facilitate transparent, open-access to data and models, we have created a R software package for high throughput TK (“httk”). The package includes both empirical and physiologically based TK (PBTk) models, which are designed to be parameterized using high-throughput in vitro data (plasma protein binding and hepatic clearance), as well as physicochemical properties and species-specific physiological data. We include a three-compartment steady state model that is similar to what has been used by previous “reverse dosimetry” translations of HTS data (Rotroff et al. (2010), Wetmore et al. (2012,2013,2014,2015)). This package is structured to be augmented with additional chemical data and models as they are published in the peer-reviewed scientific literature. “httk” enables the inclusion of toxicokinetics in the statistical analysis of chemicals undergoing high-throughput screening.

You can attend in person in Sacramento (Room 510, access through the ARB Research Division) or Oakland (ACERB conference room), or via the Skype Meeting link below. **Note, for audio, dial toll-free:** Personal Matters / Ex. 6 **and enter participant code** Personal Matters / Ex. 6. The webinar will run from 11am-12pm followed by a Q&A discussion.

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